

Work Order ID 54713

December 16, 2009 3:13:47 PM

Page 1

Item ID: D076-612-015

Accept

Setup Start

Revision ID:

Stop

Item Name: Cargo Mirror Assembly

Start Date: 16/12/2009 Start Qty: 2.00

Cust Item ID:

Required Date: 18/12/2009 Req'd Qty: 2.00

Customer:

Reference:

Run Start

Approvals:

Process Plan:

Date: 09/12/14

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI9304

Rev A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D076-612-015 CHG002

S 07/12/14

P 09/12-14

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

9/18/17 (2x) SP

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

> S 07/12/14

(X)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 54713

Page 2

December 16, 2009 3:13:47 PM

Item ID: D076-612-015

Accept



Setup Start



Revision ID:

Stop



Item Name: Cargo Mirror Assembly

Start Date: 16/12/2009 Start Qty: 2.00



Cust Item ID:

Required Date: 18/12/2009 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130



Packaging

Packaging

0.00

2x

9/12/18

sf

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D076-612-015

Location:

PPP Rev: C

140



QC

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Quality Control

09/12/18
ME
09-12-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 16, 2009 3:13:51 PM

Page 1

Work Order ID: 54713

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Start Date: 16/12/2009

Required Date: 18/12/2009

Comments:

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2012-117

B

Manufactured

No

110

Each

20.0000

6.0000

9/10/17 sl

Clevis

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

20

31101

2

52498

18

110

Each

3.0000

2.0000

9/12/17 sl

D2261

xl

Manufactured

No

Mirror Arm - Long S76

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

3

51567

3

110

Each

8.0000

2.0000

9/12/17 sl 2

D2262

xl

Manufactured

No

Mirror Arm - Short S76

Warehouse

Loc Qty

Loc Code

Location

Premier

Mezz

8

39695

5

51565

3

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

December 16, 2009 3:13:51 PM

Work Order ID: 54713

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments:

Start Date: 16/12/2009

Required Date: 18/12/2009

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2263-1 R2

Manufactured No

110

Each

88.0000

4.0000



Clamp

9/12/17 SP

Warehouse

Loc Qty

Loc Code

Location

Premier

Mezz

88

16733

88

110

Each

191.0000

4.0000

D2263-3 R2

Manufactured No



Castings

4

9/12/17 SP

Warehouse

Loc Qty

Loc Code

Location

Premier

Mezz

191

15445

191

110

Each

9.0000

6.0000

D2264 R3

Manufactured No



Cushion

4

9/12/17 SP (24)

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

9

33565

5

48469

4

24 354727 9/12/18 SP

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

Page 3

December 16, 2009 3:13:51 PM

Work Order ID: 54713

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Start Date: 16/12/2009

Required Date: 18/12/2009

Start Qty: 2.00

Required Qty: 2.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2271 "L" Bracket Assembly	3	Manufactured	No			110	Each	10.0000	6.0000		9/18/17	SP
-------------------------------	---	--------------	----	--	--	-----	------	---------	--------	--	---------	----

Warehouse Loc Qty Loc Code

Location

Premier

Mezz

16718

10

10

110

Each

217.0000

4.0000

6

9/18/17 SP

D2274 Radius Block		Manufactured	No			110	Each	217.0000	4.0000		9/18/17	SP
-----------------------	--	--------------	----	--	--	-----	------	----------	--------	--	---------	----

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

52644

217

217

110

Each

0.0000

4.0000

4

B34642 9/18/17 SP

D2856-100-250 ABRASION STRIP	X2	Manufactured	No			110	Each	0.0000	4.0000		9/18/17	SP
---------------------------------	----	--------------	----	--	--	-----	------	--------	--------	--	---------	----

D3439-101 Mirror Assembly 8"		Manufactured	No			110	Each	0.0000	2.0000		9/18/17	SP
---------------------------------	--	--------------	----	--	--	-----	------	--------	--------	--	---------	----

December 16, 2009 3:13:52 PM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 16, 2009 3:13:52 PM

Work Order ID: 54713



Parent Item: D076-612-015



Parent Item Name: Cargo Mirror Assembly

Start Date: 16/12/2009

Required Date: 18/12/2009

Comments:

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN3-11A *r3*
Bolt
Purchased

No

110

Each

285.0000

6.0000

9/10/17

sp

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

285

109927

34

110865

200

14820

51

5
1

AN4-5A *r3*
Bolt
Purchased

No

110

Each

163.0000

4.0000

9/12/17

se

st

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

163

100089

6

106605

6

108672

1

109061

9

110844

38

111650

3

112933

100

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 16, 2009 3:13:52 PM

Work Order ID: 54713



Parent Item: D076-612-015



Parent Item Name: Cargo Mirror Assembly


Start Date: 16/12/2009

Required Date: 18/12/2009

Comments:

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD10  Washer	x7	Purchased	No			110	Each	1,572.000	18.0000		9/12/17	SQL (2x)

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

1572

105442

8

109059

2

109840

23

110139

2

110985

202

111279

5

111668

48

112314

260

112369

22

113149

1000

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 6

December 16, 2009 3:13:52 PM

Work Order ID: 54713

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Start Date: 16/12/2009

Required Date: 18/12/2009

Comments:

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Orig/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	----------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN960JD416	X10	Purchased	No			110	Each	1,537.000	20.0000			
------------	-----	-----------	----	--	--	-----	------	-----------	---------	--	--	--



Washer

AN960JD416
NAD 1149 204633
Per Q57017 Serial 16

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	1537	
103691	20	
104215	6	
108161	329	
110523	340	
111279	101	
111916	482	
112314	259	
16941	0	

11/09/14 9/12/17 SL

MS21042L3	X6	Purchased	No			110	Each	2,505.000	12.0000			
-----------	----	-----------	----	--	--	-----	------	-----------	---------	--	--	--



Nut

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	2505	
110844	35	
111274	27	
111668	64	
112314	1879	
112385	500	

9/12/17 SL 24

12X

December 16, 2009 3:13:52 PM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 16, 2009 3:13:52 PM

Work Order ID: 54713

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Start Date: 16/12/2009

Required Date: 18/12/2009

Start Qty: 2.00

Required Qty: 2.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

MS21042L4

x3

Purchased

No

110

Each

4,675.000

6.0000

9/12/17 sl



Nut

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

4675

102552

6

104248

6

110507

184

111827

3479

113422

1000

15924

0

6

MS27039-1-14

x3

Purchased

No

110

Each

166.0000

6.0000

9/12/17 (20) sl



Screw

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

166

112312

100

15924

66

6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 8

December 16, 2009 3:13:52 PM

Work Order ID: 54713



Parent Item: D076-612-015



Parent Item Name: Cargo Mirror Assembly

Start Date: 16/12/2009

Required Date: 18/12/2009

Comments:

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin # Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	---------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

NAS1738B-4-2		Purchased	No			110	Each	80.0000	18.0000			
--------------	--	-----------	----	--	--	-----	------	---------	---------	--	--	--

6/2



Blind Rivet

9/12/17 SP

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 80

112082 80

18

AN4-10A

6/2



Bolt

Purchased

No

110

Each

146.0000 2.0000

9/12/17 SP (20)

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 146

103962 4

108986 9

111425 83

113422 50

2

December 16, 2009 3:13:52 PM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9304	REV. C SHEET 1 OF 2
DATE 05.06.13		TITLE MIRROR SUBSTITUTION	SCALE NTS
A	05.05.27	NEW ISSUE	
B	05.06.03	ADD OPTIONAL ANTI-SLIP HARDWARE	
C	05.06.13	NOW PERMANENT KIT CHANGE	

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 341713
M0912-14

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D076-612 REV. A
REF. CANADIAN STC: SH94-38 ISSUE 2
REF. FAA STC: SR00298NY

For the D076-612-015 CHG 002 Cargo Mirror kit, the **D2011-103** Mirror referenced in IIN-D076-612 rev.A has been replaced with the **D3439-101** Mirror Assembly. The attaching hardware for this mirror has been changed to reduce the chance of slippage in flight. The mirror should be installed per the figure on page 2 of this document. The parts list for the D076-612-015 Cargo Mirror kit is given below.

Qty -015	Part Number	Description
1	D076-612-015	CARGO MIRROR, 8"
1	D3439-101	Mirror Assembly(8")
1	*D3015-3	Locknut
1	*5/16WC	Washer
3	D2012-117	Clevis
1	D2261	Arm Assembly
1	D2262	Arm Assembly
2	D2263-1	Clamp
2	D2263-3	Clamp
3	D2264	Cushion
3	D2271	Bracket
2	D2274	Radius Block
2	D2856-100-250	Abrasion Strips
3	AN3-11A	Bolt
2	AN4-5A	Bolt
1	AN4-10A	Bolt
9	AN960JD10	Washer
10	AN960JD416	Washer
6	MS21042L3	Nut (or MS21042-3)
3	MS21042L4	Nut (or MS21042-4)
3	MS27039-1-14	Screw
9	NAS1738B-4-2	Blind Rivet

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 05.06.13
CERT. NO.: SH94-38
ISSUE NO.: 2

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

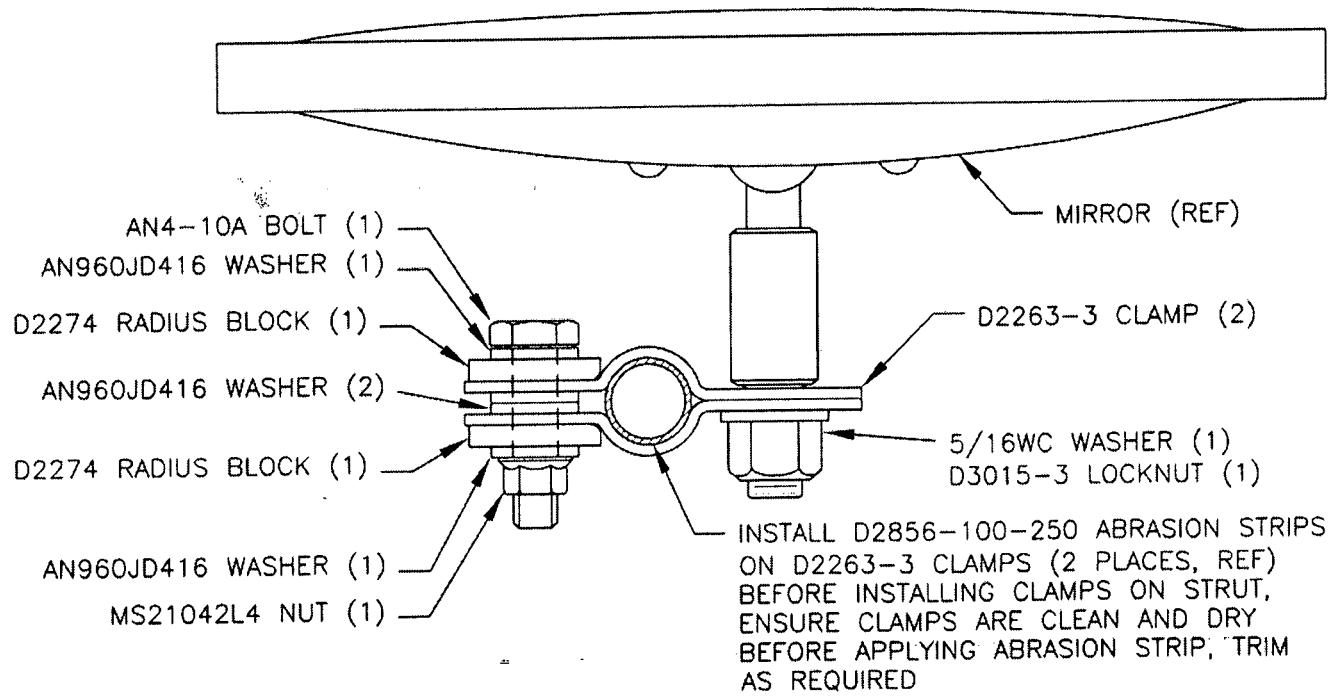
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



410 54713

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9304	REV. C SHEET 2 OF 2
DATE 05.06.13		TITLE MIRROR SUBSTITUTION	SCALE NTS



VIEW OF FIGURE 5 (DETAIL 'C')
of IIN-D076-612 Rev. A

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>[Signature]</i>	
BY:	D. SHEPHERD (DE # 02)
DATE:	05.06.13
CERT. NO.:	SH94-38
ISSUE NO.:	2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

S

25.3 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D076-612-011 Cargo Mirror, 6"	1.8 lb 0.82 kg	±46.5 in ±1.18 m	±83.7 in-lb ±0.97 m-kg	99.1 in 2.52 m	178.4 in-lb 2.07 m-kg
D076-612-015 Cargo Mirror, 8"	2.3 lb 1.04 kg	±46.5 in ±1.18 m	±107.0 in-lb ±1.23 m-kg	99.1 in 2.52 m	227.9 in-lb 2.62 m-kg

25.4 PARTS LIST

Qty -011	Qty -015	Part Number	Description
X		D076-612-011	CARGO MIRROR, 6"
	X	D076-612-015	CARGO MIRROR, 8"
1		D2011-101	Mirror (6")
	1	D2011-103	Mirror (8")
1		*D3014-1	Locknut
	1	*D3015-3	Locknut
1		*AN960JD416L	Washer
	1	*AN960JD516	Washer
3	3	D2012-117	Clevis
1	1	D2261	Arm Assembly
1	1	D2262	Arm Assembly
4	2	D2263-1	Clamp
	2	D2263-3	Clamp
3	3	D2264	Cushion
3	3	D2271	Bracket
3	3	AN3-11A	Bolt
3	3	AN4-5A	Bolt
9	9	AN960JD10	Washer
10	10	AN960JD416	Washer
6	6	MS21042L3	Nut (or MS21042-3)
3	3	MS21042L4	Nut (or MS21042-4)
3	3	MS27039-1-14	Screw
9	9	NAS1738B-4-2	Blind Rivet

*INCLUDED AS PART OF D2011-101/103 MIRROR ASSEMBLY

54713

TC Accepted
SEP 12 2002

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DART

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. DSI 9304	REV. C SHEET, 1 OF 2
DATE 05.06.13		TITLE MIRROR SUBSTITUTION	SCALE NTS
A	05.05.27	NEW ISSUE	
B	05.06.03	ADD OPTIONAL ANTI-SLIP HARDWARE	
C	05.06.13	NOW PERMANENT KIT CHANGE	

REFERENCE ONLY
6

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D076-612 REV. A
REF. CANADIAN STC: SH94-38 ISSUE 2
REF. FAA STC: SR00298NY

For the D076-612-015 CHG 002 Cargo Mirror kit, the **D2011-103** Mirror referenced in IIN-D076-612 rev.A has been replaced with the **D3439-101** Mirror Assembly. The attaching hardware for this mirror has been changed to reduce the chance of slippage in flight. The mirror should be installed per the figure on page 2 of this document. The parts list for the D076-612-015 Cargo Mirror kit is given below.

Qty -015	Part Number	Description
X	D076-612-015	CARGO MIRROR, 8"
(1	D3439-101 /	Mirror Assembly(8")
1	*D3015-3	Locknut
1	*5/16WC	Washer
3	D2012-117	Clevis
1	D2261	Arm Assembly
1	D2262	Arm Assembly
2	D2263-1	Clamp
2	D2263-3	Clamp
3	D2264	Cushion
3	D2271	Bracket
2	D2274 /	Radius Block
2	D2856-100-250	Abrasion Strips
3	AN3-11A	Bolt
2	AN4-5A	Bolt
1	AN4-10A /	Bolt
9	AN960JD10	Washer
10	AN960JD416	Washer
6	MS21042L3	Nut (or MS21042-3)
3	MS21042L4	Nut (or MS21042-4)
3	MS27039-1-14	Screw
9	NAS1738B-4-2	Blind Rivet

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: [Signature]
D. SHEPHERD (DE # 02)

DATE: 05.06.13
CERT. NO.: SH94-38
ISSUE NO.: 2

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